



TECHNICAL DATA SHEET

System Product		Matterico
		Rev 3/15
Description		Low thickness (Micro Topping) cement based continuous coating (2 to 4mm). Specially designed to achieve a Rustic MicroCemento like finish. Valid for all types of hard surfaces.
Advantages and Possibilities		<p>Due to its rustic finish Matterico is widely used in exterior - Natural aesthetics of cement - It can be applied on top of other materials as ceramics, porcelain, marble, mosaics and tiles - It replaces the use of other floorings as smooth concrete due to its low thickness - Hard and resistant is suitable for sites with high traffic - Seamless, requires no joints - Resistant to UV rays - Fast renovations with no demolition - Refurbish bathrooms, kitchens, and all ambients of the house - Continuous Vertical and horizontal - Transitable logos can be made - Refurbish concretes - Fast application and transit release - Refurbish hotel rooms without heavy work - Better resistance to slippery than MicroCemento - Better finish than smooth cement - Its similar appearance to concrete makes it a good alternative to concrete floors - Ideal for access ramps to buildings for its slip resistance - When applied rustic is an anti slippery flooring - Due to its rustic finish Matterico is widely used in exteriors - Natural cement finish - It can be installed on top of other materials as ceramics, porcelain, marble, mosaics and tiles - It replaces the use of other floorings as smooth concrete due to its low thickness - Hard and resistant its suitable for sites with high traffic - Seamless, requires no joints - Resistant to UV rays - Fast renovations with no demolition - Refurbish bathrooms, kitchens, and all rooms of the house - Continuous coating Vertical and horizontal - Make transitable logos - Refurbish concretes - Fast application and transit release - Refurbish hotel rooms avoiding heavy work - Better slip resistance than MicroCemento - Better finish than smooth cement - Its similar finish to concrete makes it a good alternative to concrete floors - Ideal for access ramps to buildings for its slip resistance - When applied rustic is an anti slip flooring</p>



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Basic Features	Thickness	From 2 to 4mm
	Uses	Residential, Commercial, Light and Medium Industrial use. Interior and Exterior use.
	Surfaces	Floorings, Walls, Stairs, Countertops, Furniture.
	Colours	34 Colours - EDFAN Chart
Installation	System Composition	MATTERICO Powder + Concentrated Liquid + Water Based Sealer
	Substrate	Should be firm and free of moisture - There cannot be ascending or negative moisture - It should not crack - Mortars, ceramics, porcelain, mosaics, concrete, screed and marble.
	Substrate Conditioning	Remove all loose items - Level with Gross Powder (EDFAN leveling mortar) if necessary- Remove wax - Its always recommend to sand and vacuum the substrate - In case of graining substrates apply use Acrylic Solvent Sealer or Resifan E primer depending on the case - Saw cracks with Resifan E - On risky bases use Resifan + Mesh System.
	Mixing and Tools	Mix with low speed drill. Required tools: Hand trowel, Spatula, Sandpaper, Vacuum, Electric Drill Mixer, Spray Gun, varnish pad, clean buckets
	Mix Proportions	3,5 - 4,5 parts of MATTERICO x 1 part of Concentrated Liquid



<p>Installation Method</p>	<p>In a Clean bucket place 1 part of concentrated liquid - Gradually add the powder to achieve the desired consistency and mix for 5 minutes- Apply with trowel on the surface to be coated - Let dry until its ready to be sanded, sand and vacuum - Apply a second coat and let dry completely before sanding - Allow to dry and harden for at least 24 to 72 hours before sealing - Vacuum the surface and apply Acrylic sealer with spray gun and Varnish Pad - Allow two hours to dry- Before applying the second coat of sealer sand and vacuum - Let dry for 2 hours, sand and vacuum again - Apply acrylic wax - Wait 2 hours before the second coat of wax - Depending on the finish desired (more rustic) Matterico does not require sanding and it can be applied coat on coat without waiting to completely dry and without sanding - For exteriors do not wax, use 4 coats of Water Based Sealer diluted 50% with water to enhance penetration and slip resistance.</p>
<p>Tools Cleaning Guide</p>	<p>Clean all the tools with water. Do not throw the water with cement traces to the drain.</p>
<p>Installation Conditions</p>	<p>The atmosphere must be dry - It cannot rain or drizzle during the installation and before 48 hs after sealing - Avoid night dew in exterior installations.</p>
<p>Substrate Temperature</p>	<p>Between 10 °C y 25 °C</p>
<p>Room Temperature</p>	<p>Between 5 °C y 30 °C</p>
<p>Humidity</p>	<p>Maximum 5% (substrate moisture - no ascending moisture)</p>
<p>Consume</p>	<p>0,45 gal MAT Powder + 0,13 gal Concentrated Liq + 0,15 Ltr Water Based Sealer</p>



Protection		
Maintenance		Clean with neutral soap and mop - Do not use abrasive materials to clean spot and stains - Apply EDFAN wax maintainer weekly - Apply Wax periodically depending on the use - Clean thoroughly before sealing or waxing - Use rubber protectors for furniture and chairs - Do not drag furniture and chairs without protections - Do not leave standing water on the surface - For outdoors periodically apply sealer according to use - Remove the old wax and apply a new one periodically (annually) depending on the use - Clean spilled liquid before they dry - Do not wax bathrooms floorings and outdoors - Place mats at exterior entrances - For countertops and furniture using silicone maintainers - it is recommended to wash with water bristle brush machine.
Technical Features	Dry to touch	from 1 to 2 hours
	Dry to transit	24hs
	Recoating Time	Between 0,25 and 2 hours
	Total Coats	Minimum 2
	Total Time	72 hs
	Adhesiveness	0,28 N/mm2, test UNE-UN 13892-8
	Abrasion	N/D
	Surface Hardness	137 N/mm2, test 13892-6
	Water Absortion	1 hour: 0,20 ml- 2 hours: 0,30 ml - 3 hours: 0,38 ml- 4 hours: 0,45 ml, Test UNE-EN 1323
	Impact Resistance	11,6 mm, other defects not observed, test UNE-EN ISO 6272



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	Slip Resistance	15, test UNE ENV 12633
	Stripe Resistance	
	Type	
	Density	
	Solids	
	Pot Life at 25 degree	20 minutes
	VOC	
	Fire Resistance	Calss A2 _{Fi} s1
Storage Conditions		Keep closed in original container in a dry and fresh environment
Shelf Life		6 Months in a closed container
Sales Formats		Matterico Powder 2,5 and 5 GAL - Concentrated Liquid 2,5 and 5 gal - Water Based Sealer 1 and 5 liters.
Safety and Health		In case of spilling, clean with an absorbent material such as sawdust or sand. Do not discharge into drains, rivers or canals. Avoid contact with skin or eyes. Do not eat. Dirty Liquids .In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin, wash thoroughly with soap and water. If ingested, seek immediate medical attention. Do not induce vomiting. Wear gloves and goggles when handling and applying the product.



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Personal Protection		<p>Preventive measures: Wash your hands before eating or drinking.</p> <p>Respiratory Tract: In open spaces, special protection is not required. In closed enclosures, provide fresh air with a system of appropriate ventilation. Use breathing mask.</p> <p>Skin: In case of sensitive skin use gloves.</p> <p>Eyes: Use security goggles during installation.</p>
Legal Note		<p>The information and recommendations in this document are provided by EDFAN in good faith and with the experience and data obtained so far. In any case, EDFAN is responsible for the use of this information. EDFAN can change the data and information herein without notice as well as the properties and uses of the product or system described</p>